PUBLICATION NUMBER : 06027991
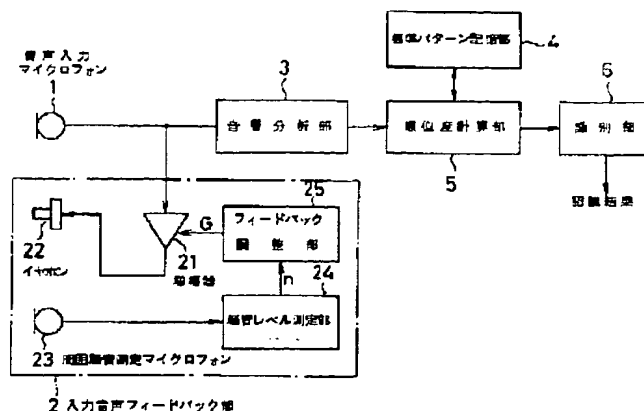PUBLICATION DATE : 04-02-94

APPLICATION DATE : 13-07-92
APPLICATION NUMBER : 04184989

APPLICANT : TOSHIBA COMPUT ENG CORP;

INVENTOR : NAKAYAMA AKIRA;

INT.CL. : G10L 3/00

TITLE : SPEECH RECOGNIZING DEVICE

ABSTRACT : PURPOSE: To exhibit highly precise recognizing performance even in a very noisy environment by improving deterioration in the recognizing performance originating from the deformation of a speech due to Lombard effect.

CONSTITUTION: A speech to be recognized which is inputted through a speech input microphone 1 is fed back to the ear of a speaker himself by an input speech feedback part 2 through an amplifier 21 and an earphone 22. Further, the noise at the periphery of the device is inputted through an ambient noise measurement microphone 23, a noise level measurement part 24 measures its noise level (n), and a feedback adjustment part 25 adjusts the gain G of the amplifier 21 according to the measured value.